

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Class: \_\_\_\_\_

*Finding Simple Percent Quiz*

*What is 10% of the following?*

a)  $58 =$

b)  $143 =$

c)  $6 =$

d)  $673 =$

e)  $5.5 =$

f)  $0.6 =$

g)  $\$7,878.99$

h)  $\$2,316$

i)  $00.9$

*What is 1% of the following?*

a)  $58 =$

b)  $143 =$

c)  $6 =$

d)  $673 =$

e)  $5.5 =$

f)  $0.6 =$

g)  $\$7,878.99$

h)  $\$234$

i)  $23$

j) Maya spent 40% of her savings to pay for a bicycle that cost her \$85.

a. How much money was in her savings to begin with?

b. How much money does she have left in her savings after buying the bicycle?

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

### Example 1: Visual Approaches to Finding a Part, Given a Percent of the Whole

1. In Ty's math class, 20% of students earned an A on a test. If there were 30 students in the class, how many got an A?
2. In Ty's art class, 12% of the Flag Day art projects received a perfect score. There were 25 art projects turned in by Ty's class. How many of the art projects earned a perfect score? (Identify the whole.)

### Example 2: A Numeric Approach to Finding a Part, Given a Percent of the Whole

3. In Ty's English class, 70% of the students completed an essay by the due date. There are 30 students in Ty's English class. How many completed the essay by the due date?

### Example 3: An Algebraic Approach to Finding a Part, Given a Percent of the Whole

4. A bag of candy contains 300 pieces of which 28% are red. How many pieces are red?  
Which quantity represents the whole?

Which of the terms in the percent equation is unknown? Define a letter (variable) to represent the unknown quantity.

Write an expression using the percent and the whole to represent the number of pieces of red candy.

Write and solve an equation to find the unknown quantity.